

PERMIT APPLICATION: NRS #04-086

APPLICANT: Jon McCreery
8195 Dexter Road
Suite 110
Cordova, TN 38016

LOCATION: Lot #12 – Johnson Road Subdivision. Northeast quadrant of the intersection of South Dogwood Road and Duntreath Road in Germantown, Shelby County.

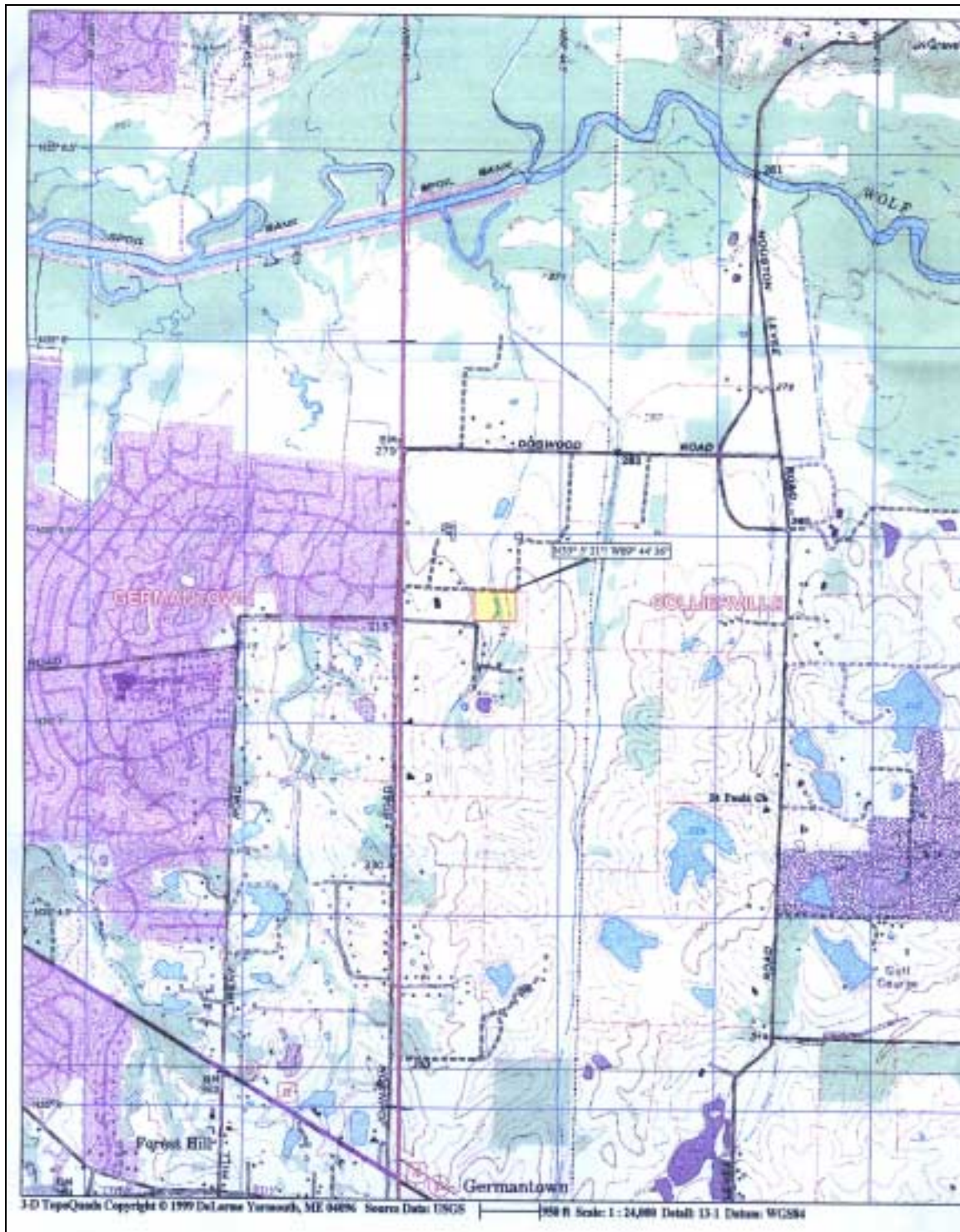
WATERSHED DESCRIPTION: The unnamed intermittent stream is a tributary to the Wolf River. It has a bottom width of 5-7 feet and channel width of approximately 15-20 feet. Vegetation along the channel consists of boxelder, sweetgum, river birch, persimmon and kudzu. Watershed is a primarily residential development.

PROJECT DESCRIPTION: The applicant proposes to construct a private residence on Lot #12. The location of the house on the property shall require the relocation of 596 linear feet of the unnamed tributary. The relocated channel shall be 612 linear feet. It shall be constructed in the dry and exhibit the same channel morphology as the existing channel with a 6-foot bottom and 2:1 slopes. In-stream habitat features shall be placed in the new channel. Fiber coils and geotextile material shall be utilized to stabilize banks and substrate.

A riparian zone of 40-feet along each bank shall be planted with native seedlings. No one species shall comprise more than 25% of the total. Seedlings shall consist of *Acer* sp., *Quercus* spp., *Diospyros virginiana* (persimmon) and others submitted in support of the application. The applicant shall monitor the new channel and guarantee its successful establishment. Annual reports shall be submitted to this office

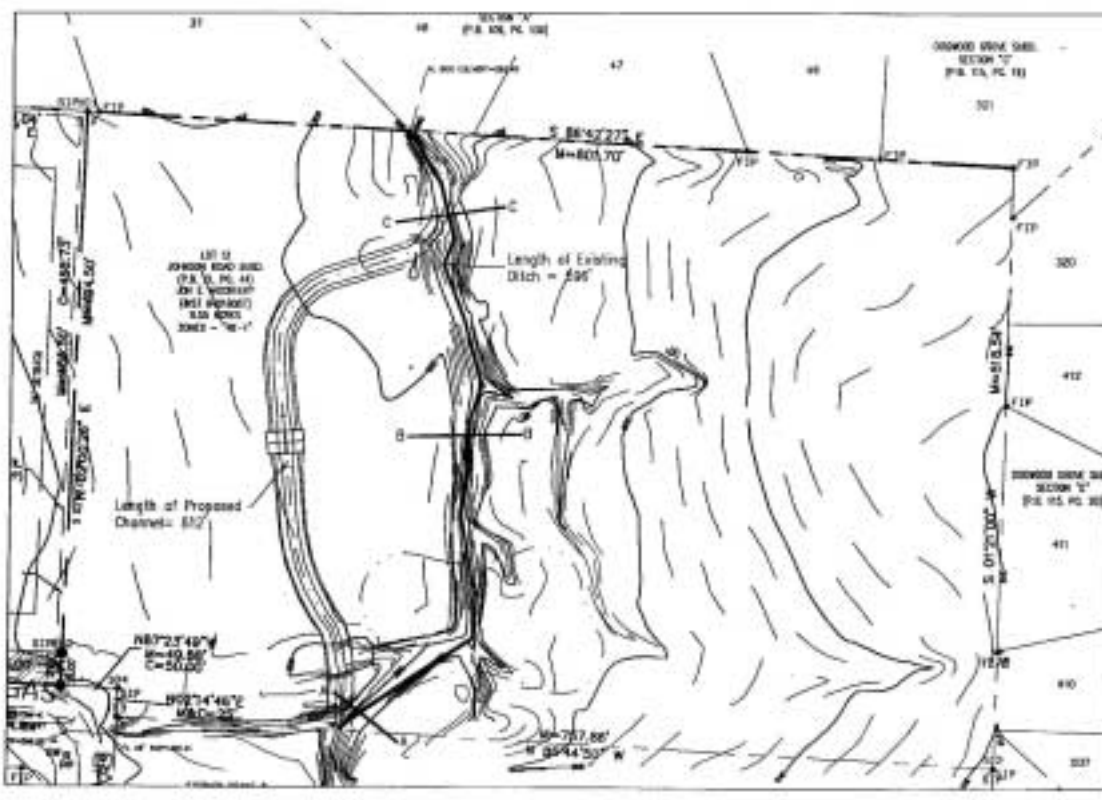
PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Germantown 409 – SE



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Scale=1"=100' See attached sheet for Sections at Locations Shown.



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